Pre-Bid Queries: "Rate Contract For Supply of 4G Modem" (Tender no. TPCODL/ P&S/ ENGG/ MODEM/ 16/ 2020-21)

S No	Clause No. / Page No.	Tender Clause	Bidder Query	TPCODL Reply
1	Page no.63	Clause No. 2	Is that mandatory to have NCIIPC and WPC certification?	Yes its Manadatory
2	Page no. 63	Clause No. A .1	VPN redundancy: This has to be implemented at network level, not at modem	Agreed
3	Page no. 64	Clause No. B. 6	Traffic shaping/Filtering in firewall: This is at network level.	Agreed but Modem should support the functionality
4	Page no. 64	Clause No. B. 9	Modem lockdown: VPN sim allows communication from only the target IP or from the same network VPN group IPs.	OK
5	Page no. 65	Clause No. D.23	The specifications mentions multiple sources of internet Ethernet WAN and Cellular. If Ethernet is required, what will be the ratio of modems operating on LAN and modems operating on 4G? Do we get static IP and VPN connection on LAN?	for LAN static IPs will be provided, Maximum Modems will be communicating through cellular
6	Page no. 65	Clause No. F	Most of these points are applicable to server, do not apply to modem. Need Confirmation.	OK
7	Page no. 65	Clause No. C.18	LEDs (4No): The given four signal status will be shown by using 3 LEDs only.	OK mechansim to be described by OEM for the same
8	Page no. 66	Clause No. F.34	NMS provision for monitoring and control for modems. Kindly Clarify..	Modems should support monitoring and control from NMS
9	Page no. 66	Clause No. F.31	SYN flood protection: To be understood by us.	It's a security feature , where Modem should not respond to unauthorized communication
10	Page no. 66	Clause No. F. 31	Stateful packet inspection: To be understood by us.	It's a firewall technology for dynamic packet filtering. Modem should support while communication through firewall
11	-	-	The document mentions Modem Remote management software but not mentioned as HES/ MDAS (for Meter data) and supply of Servers, Is Modem Remote management software is same as HES/MDAS?	Modem should support Remote management i.e. it should have its own software for monitoring and control .
12	-	-	Whose scope is servers supply?	AS discussed ,Modem should be integrated with existing servers at CESU/ TPCODL.
13	-	-	The product should be compatible with MDAS system already installed in TPCODL. whose MDAS is existing? Is it Analogics or not?	It is Analogics HES, Prior to supply OEM has to show that modem will work on this HES.

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14	-	-	This product will be used for data communication of DLMS and proprietary meters installed in TPCODL. For proprietary meters respective bcs/protocols required to be provided, if could not able to read the meter.	Modem Should be capable enough to send any type of data received through cellular network to designated location.
15	-	-	Modem should be transparent. How do you use in transparent mode?	Modem Should be capable enough to send any type of data received through cellular network to designated location.
16	-	-	Kindly specify END use of Modem	
	-	-	a) Is it AMR Modem?	Modem will be primarily used for AMR , however the same may be used for automation purpose also.
	-	-	b) Is it used at meter end or elsewhere?	Modem will be primarily used for AMR , however the same may be used for automation purpose also.
17	-	-	Type test reports will be submitted at the time of supply as our certificate got expired recently, Kindly confirm	As per Tender Specification
18	-	-	Kindly specify the delivery timelines while releasing order because it is a rate contract for one year.	As per Tender Specification
19	-	-	We understand this is a rate contract for one year, however, we would like to know what the first order quantity is.	This is a rate contract only. Quantity will be indicated in the RO.
20	-	-	General technical requirement has specs for VPN server. Do we need to provide VPN server?. If yes how any remote connections should it support? Do we need to provide redundant VPN servers?	VPN server is not in Scope of Bidder
21	-	-	As Flash size is mentioned as 32 MB and the log retention period is 90 days, for the same SD card will be required. The Tata power will provide the SD card or the vendor has to provide it.	Bidder Needs to provision the same .
22	-	-	As the modem will be used for meter reading CAT1 LTE (is more than enough, do we require CAT4 LTE or CAT1 LTE is fine? LTE cat. 1: 5 / 10 Mbps (FDD); 3.1 / 8.96 Mbps (TDD) LTE cat. 4: 50 / 150 Mbps (FDD); 35 / 130 Mbps (TDD)	This Modem should be compatible with Single SIM (2G/3G/4G/CAT1 support)
23	-	-	In point 7.0 and 7.1 the type test are stated for meter. Those are for meter or modem?	Only Test certificate applicable to Modem to be provided.

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24	-	-	Is NCIIPC certification mandatory?	This product should be certified by NCIIPC and WPC
25	-	-	IEC 61000-4-2, 3, 4, 5, 6, 7, 8 are required for modem?	Kindly provide as per tender Specs
26	-	-	we request you to kindly clarify correct format of Bid Security BG towards EMD to be submitted with our Bid. We observed format of Bid Security BG towards EMD at two different sections of Tender Document, as follows: 1. Performa for Bid Security Bank Guarantee: Annexure-A (Page 26 of 43) of General Conditions of Contract from Supply Orders & 2. Format of BID BG: Annexure-VIII of NIT (Page No. 18, 19 & 20) We request you to confirm which format of Bid Security BG towards EMD to be consider for preparation of BG. We also request you to provide Value of Stamp Paper on which BID SECURITY BG towards EMD to be submitted.	Follow the Annexure-A of GCC for EMD BG & Rs100/- stamp paper
27	-	-	As per the Delivery Period of Clause 7.0 Post Award Contract Administration, it has mentioned that – "Delivery period shall be 60 days from date of receipt of release order / CAT-A issuance, whichever is later". We request you to kindly clarify CAT-A issuance.	CAT-A issuance is the final drawing approval issued from TPCODL.
28	-	-	Is this specification for Modems required to acquire data from Energy meters only? We felt the specifications provided in the document are for the modems which used for a different purpose/application. Also we feel that the specification of VPN server, Router and modem specifications are clubbed/overlapped. This we understood as the modem specification expecting the following features:	
	-	-	Ø NCIIPC and WPC certifications for Modem.	This product should be certified by NCIIPC and WPC
	-	-	Ø C4 connector for Input Power Supply.	C4 connector for Input Power Supply is required
	-	-	Ø IP30 rating for the modem enclosure.	Yes
	-	-	Ø 32 MB RAM, 32 MB Flash with LINUX Operating System.	OK
	-	-	Ø Firewall Security at modem end.	This product should be certified by NCIIPC and WPC or equivalent

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	-	-	Ø No mention of modem communication port specification for connecting to Energy Meter.	OPTICAL/ ELECTRICAL PORT LIKE RS 232, RJ11 ETC AS PROVIDE METER OEM
29	-	-	Also we request you to clarify the following:	
	-	-	Ø Whether VPN Sever, Router, Firewall to be supplied by vendor?	VPN server, firewall, router is not in Scope of Bidder
	-	-	Ø All modems are to be in Transparent Mode? And integration will be taken care by TPCODL?	YES ,BUT BIDDER NEEDS TO PROVIDE REQUIRED SUPPORT
30	-	-	1.　TERMS OF PAYMENT: Terms of Payment mentioned in GCC Clause 6.0 (Page 7 of 43) is 100% within 30 Days of submission of Bill along with all the requisite documents as mentioned therein, whereas, as per Clause 7.0 of Post Award Contract Administration the same is mentioned as within 90 Days from the date of submission of certified bills / invoice (Sub Clause 7.5). As per Clause 6.0, we understood that in case of contradiction in any part of various documents in tender, Clause 7.0 Post Award Contract Administration shall prevail over GCC i.e. Payment shall be released as mentioned in sub-clause 7.5 i.e. within 90 Days from the date of submission of certified bills / invoice. We, being a MSME, request you to amend the Terms of Payment as per GCC Clause 6.0 i.e. 100% within 30 Days of submission of Bill.	Payment within 45 days as per Term and condition of Contract.
31	-	-	2.　DELIVERY: As per the Delivery Period of Clause 7.0 Post Award Contract Administration, it has mentioned that – "Delivery period shall be 60 days from date of receipt of release order / CAT-A issuance, whichever is later". We request you to kindly clarify CAT-A issuance. Also we request your confirmation to provide Quantity of 4G Modems' Month Wise Requirements for 1 Year with your Purchase Order to successful bidder to ensure availability of components & raw material to meet your delivery requirements i.e. "60 days from date of receipt of release order / CAT-A issuance, whichever is later".	CAT-A issuance is the final drawing approval issued from TPCODL. This is a rate contract only. Quantity will be indicated in the RO.

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32	-	-	Submission of Sample of Modem for Testing: Sample of Modem as per Technical Specifications of Tender is required to be submitted to your office prior to submission of Tender. Please note that vide our letter referred at ref. 3, we requested to provide clarification in Technical Specifications of 4G Modem. The same is awaited from you till date. Please note that it will take minimum two weeks' time to prepare & submit Sample as per your Technical Specifications. **In view of above, we seek your approval to submit Sample of Modem prior to commencement of Testing.**	As per Tender Specification
33	-	-	As mentioned in technical specifications of Modem provided with your Tender, the 4G Modem is required to work in Transparent Mode. We wish to submit here that now a days all DISCOMs are asking to supply 4G Modem which can work in Intelligent as well as Transparent (Push & Pull) Mode. We request you to change technical specifications of Modem to supply 4G Modem which can work in intelligent as well as Transparent (Push & Pull) Mode.	BIDDER TO STUDY EXISTING DEPLOYED SYSTEM AND PROPOSE ACCORDINGLY
34	-	-	In Clause 3.3. Bid Prices of NIT it is mentioned that "Any items not indicated in the price schedule but which are required to complete the job as per the Technical Specifications / Scope of Work mentioned in the tender, shall be deemed to be included in prices quoted" Please note that we shall supply following accessories with 4G Modem: 1. Communication Cable having DB9 Port on one side of cable for connection to 4G Modem and RS232 (RJ11) Port on other side of cable for connection to Energy Meter 2. Antenna with Communication Cable to connect 4G Modem & 3. 4 Core Power Cable (Integral to Modem) to connect 3 Phase Power Supply to 4G Modem. We request you to clearly mention any other items which are required to complete the job in your Tender.	ANY MINOR MATERIAL /SERVICES MAY REQUIRED DURING ACTUAL DEPLOYEMENT IS UNDER BIDDER SCOPE

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35	-	-	As per GCC Clause 22.3 Termination for Convenience of TPCODL, it is mentioned that "TPCODL at its sole discretion may terminate the contract by giving 30 days prior notice in writing or through email to the Associate. TPCODL shall pay the Associate for all the supplies/services rendered till the actual date of contract termination against submission of invoice by the Associate to that effect". Please note that considering long lead time (more than 3 to 4 Months) of components as required to manufacture 4G Modem and requirement of Delivery by customers, we plan and procure raw materials as required to execute order at the time of award of contract. In case of Termination for Convenience, TPCODL is required to take raw material also as procured by us for the Project and payment to the same to be released. We request TPCODL to amend the Clause accordingly.	As per Tender Specification
36	-	-	ANNEXURE IV Schedule of Commercial Specifications of NIT – It is mentioned that "The bidder is require mandatorily to fill in this schedule and enclose it with the offer Part I: Technical Bid. In the absence of all these details, the offer may not be acceptable". Bidder has to provide their response mandatorily either in Yes or No for all points of ANNEXURE IV. In case bidder opts to provide their response as "Yes" against Point no. 9 & 10 of the ANNEXURE IV, bidder is required to provide Value against the same. Please note that ANNEXURE IV is required to be submitted with Technical Bid and disclosure of any Value against Point No. 9 & 10 shall disclose Price prior to opening of Price Bid. Hence, we request you to kindly provide Slab of Quantity in Price Schedule itself wherein Bidder can provide Rebate for increased quantity and Change in price for reduced quantity.	As per Tender Specification
37	-	-	DELIVERY- As per the Delivery Period of Clause 7.0 Post Award Contract Administration of NIT, it has mentioned that – "Delivery period shall be 60 days from date of receipt of release order / CAT-A issuance, whichever is later". We request you to kindly clarify CAT-A issuance. Also we seek your approval to Supply first lot of Modems within 90 Days from date of receipt of release order or CAT-A issuance, whichever is later. All subsequent lots of Modems (from 2nd lot onwards) shall be supplied within 60 Days from date of receipt of release order or CAT-A issuance, whichever is later.	As per Tender Specification